

GENERIC · NETWORK

U0084

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U0084

Vehicle Communication Bus F + High

U0084 is a generic network communication code indicating that one module on the vehicle's Controller Area Network (CAN) bus has lost the ability to transmit or receive data on the bus line designated 'F + High'. The computer that set the code detected an abnormal voltage or signal condition on that specific high-side communication wire, which prevents normal data exchange between modules.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Network	Generic (all makes)	Medium	Professional	Network wiring and bus faults

Symptoms you may notice

- Multiple warning lights illuminated simultaneously, including the check engine light, ABS, and airbag lamps
- One or more electronic systems failing to operate, such as the radio, climate control, or power windows
- The engine may start and run normally, or it may crank but not start if the affected bus segment includes the powertrain control module
- Intermittent operation of dashboard gauges or a completely dead instrument cluster
- Often no symptoms besides the warning light if the fault is on a non-critical bus segment
- The scan tool may fail to communicate with certain modules during diagnostics

Common causes, most likely first

- A damaged or chafed wire on the CAN bus F + High circuit, often from rodent damage or rubbing against a metal bracket
- A loose, corroded, or water-intruded connector at one of the modules on that bus segment
- A failed module that is shorting the bus high line to ground or to battery voltage
- A poor ground connection at a module on the affected bus, causing erratic bus voltage
- A failed terminating resistor inside one of the modules, altering bus impedance
- Aftermarket accessories improperly spliced into the bus wiring
- A faulty body control module or gateway module that manages the bus segment



How to diagnose and fix it

- 1 Connect a scan tool and record all stored codes from every module, then clear codes and test-drive to see if U0084 returns immediately
- 2 Visually inspect the CAN bus F + High wiring and connectors for damage, corrosion, or loose pins, starting at the modules most likely to be affected
- 3 Measure resistance across the CAN bus high and low lines at the diagnostic link connector to check for proper termination, typically around 60 ohms
- 4 Disconnect modules one at a time from the bus and recheck communication to isolate a module that is shorting the bus
- 5 Check for aftermarket wiring splices or accessories that may be loading the bus and remove them if found
- 6 Repair or replace the damaged section of bus wiring, using proper crimp connectors and heat shrink, then clear codes and verify communication
- 7 If a module is confirmed faulty, replace it and perform any required programming or initialization with a factory-level scan tool

What most technicians miss on U0084

- A common mistake is replacing the module that set the code when the actual fault is a chafed wire on the bus segment, so always inspect the harness before condemning any module.
- U0084 does not always mean the bus is completely dead; it can be set by an intermittent short that only occurs when the vehicle hits a bump or when moisture enters a connector.
- Aftermarket remote starters, alarm systems, or dash cameras spliced into the CAN bus are frequent culprits that owners forget to mention to the technician.
- A weak or failing battery can cause modules to drop off the bus and set U0084, so always verify battery voltage and load test before chasing wiring.
- The bus F + High designation is manufacturer-specific in how it is routed, so consult the wiring diagram for the exact vehicle rather than assuming a universal layout.

Can I keep driving with U0084?

If the vehicle starts and runs normally with only warning lights on, you can drive it to a repair shop, but avoid long trips and do not tow a trailer. If the engine stalls, the transmission shifts erratically, or the instrument cluster goes dead, stop driving and have the vehicle towed because the fault may affect safety-critical systems.

Tools that help

- OBD-II scan tool with CAN bus communication capability
- Digital multimeter with resistance and voltage measurement
- Wiring diagram for the specific vehicle
- Back probe pins and jumper wires
- Factory-level diagnostic software for module programming if replacement is needed



Reading U0084

- U** Network: communication between the vehicle's control modules.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 0** Network wiring and bus faults.
- 84** The exact fault within that area.

Often seen with

U0083 Vehicle Communication Bus F + Low · **U0085** Vehicle Communication Bus F - Open · **U0100** Lost Communication With ECM/PCM A · **U0121** Lost Communication With Anti-Lock Brake System (ABS) Control · **U0140** Lost Communication With Instrument Panel Cluster

See it working

Watch the animated explainer [Turbocharger Trainer: Boost, Wastegate and Intercooler](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u0084/>

